

Wolfgang Poller

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

101
papers

7,123
citations

42
h-index

84
g-index

105
ext. papers

8,216
ext. citations

8.3
avg, IF

5.09
L-index

#	Paper	IF	Citations
101	Utility of Doppler echocardiography and tissue Doppler imaging in the estimation of diastolic function in heart failure with normal ejection fraction: a comparative Doppler-conductance catheterization study. <i>Circulation</i> , 2007 , 116, 637-47	16.7	849
100	High prevalence of viral genomes and multiple viral infections in the myocardium of adults with "idiopathic" left ventricular dysfunction. <i>Circulation</i> , 2005 , 111, 887-93	16.7	500
99	Viral persistence in the myocardium is associated with progressive cardiac dysfunction. <i>Circulation</i> , 2005 , 112, 1965-70	16.7	404
98	Interferon-beta treatment eliminates cardiotropic viruses and improves left ventricular function in patients with myocardial persistence of viral genomes and left ventricular dysfunction. <i>Circulation</i> , 2003 , 107, 2793-8	16.7	383
97	Cardiac inflammation contributes to changes in the extracellular matrix in patients with heart failure and normal ejection fraction. <i>Circulation: Heart Failure</i> , 2011 , 4, 44-52	7.6	371
96	Role of left ventricular stiffness in heart failure with normal ejection fraction. <i>Circulation</i> , 2008 , 117, 2051-60	16.7	327
95	Dilated cardiomyopathy is associated with significant changes in collagen type I/III ratio. <i>Circulation</i> , 1999 , 99, 2750-6	16.7	275
94	Procoagulant soluble tissue factor is released from endothelial cells in response to inflammatory cytokines. <i>Circulation Research</i> , 2005 , 96, 1233-9	15.7	222
93	Parvovirus B19 infection mimicking acute myocardial infarction. <i>Circulation</i> , 2003 , 108, 945-50	16.7	202
92	Complication rate of right ventricular endomyocardial biopsy via the femoral approach: a retrospective and prospective study analyzing 3048 diagnostic procedures over an 11-year period. <i>Circulation</i> , 2008 , 118, 1722-8	16.7	177
91	Enteroviral RNA replication in the myocardium of patients with left ventricular dysfunction and clinically suspected myocarditis. <i>Circulation</i> , 1999 , 99, 889-95	16.7	177
90	Non-coding RNAs in cardiovascular diseases: diagnostic and therapeutic perspectives. <i>European Heart Journal</i> , 2018 , 39, 2704-2716	9.5	168
89	Human coxsackie-adenovirus receptor is colocalized with integrins alpha(v)beta(3) and alpha(v)beta(5) on the cardiomyocyte sarcolemma and upregulated in dilated cardiomyopathy: implications for cardiotropic viral infections. <i>Circulation</i> , 2001 , 104, 275-80	16.7	163
88	Hematopoietic Deficiency of the Long Noncoding RNA MALAT1 Promotes Atherosclerosis and Plaque Inflammation. <i>Circulation</i> , 2019 , 139, 1320-1334	16.7	103
87	Regulation of human endothelial cell focal adhesion sites and migration by cGMP-dependent protein kinase I. <i>Journal of Biological Chemistry</i> , 2000 , 275, 25723-32	5.4	102
86	Cardiac fibroblasts support cardiac inflammation in heart failure. <i>Basic Research in Cardiology</i> , 2014 , 109, 428	11.8	96
85	The tight junction protein CAR regulates cardiac conduction and cell-cell communication. <i>Journal of Experimental Medicine</i> , 2008 , 205, 2369-79	16.6	88

84	Cardiac deletion of the Coxsackievirus-adenovirus receptor abolishes Coxsackievirus B3 infection and prevents myocarditis in vivo. <i>Journal of the American College of Cardiology</i> , 2009 , 53, 1219-26	15.1	86
83	The molecular basis of alpha 1-antichymotrypsin deficiency in a heterozygote with liver and lung disease. <i>Journal of Hepatology</i> , 1993 , 18, 313-21	13.4	84
82	Collagen degradation in a murine myocarditis model: relevance of matrix metalloproteinase in association with inflammatory induction. <i>Cardiovascular Research</i> , 2002 , 56, 235-47	9.9	82
81	Interferon-Beta improves survival in enterovirus-associated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2012 , 60, 1295-6	15.1	81
80	Induction of coxsackievirus-adenovirus-receptor expression during myocardial tissue formation and remodeling: identification of a cell-to-cell contact-dependent regulatory mechanism. <i>Circulation</i> , 2003 , 107, 876-82	16.7	76
79	Adiponectin is a negative regulator of antigen-activated T cells. <i>European Journal of Immunology</i> , 2011 , 41, 2323-32	6.1	74
78	Alterations in myocardial tissue factor expression and cellular localization in dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2005 , 45, 1081-9	15.1	73
77	Reduced degradation of the chemokine MCP-3 by matrix metalloproteinase-2 exacerbates myocardial inflammation in experimental viral cardiomyopathy. <i>Circulation</i> , 2011 , 124, 2082-93	16.7	67
76	TRIF is a critical survival factor in viral cardiomyopathy. <i>Journal of Immunology</i> , 2011 , 186, 2561-70	5.3	66
75	Cardiac-targeted RNA interference mediated by an AAV9 vector improves cardiac function in coxsackievirus B3 cardiomyopathy. <i>Journal of Molecular Medicine</i> , 2008 , 86, 987-97	5.5	64
74	Description of a local cardiac adiponectin system and its deregulation in dilated cardiomyopathy. <i>European Heart Journal</i> , 2008 , 29, 1168-80	9.5	63
73	Immune system-mediated atherosclerosis caused by deficiency of long non-coding RNA MALAT1 in ApoE ^{-/-} mice. <i>Cardiovascular Research</i> , 2019 , 115, 302-314	9.9	62
72	Cdc2-like kinases and DNA topoisomerase I regulate alternative splicing of tissue factor in human endothelial cells. <i>Circulation Research</i> , 2009 , 104, 589-99	15.7	62
71	Left ventricular dysfunction induced by nonsevere idiopathic pulmonary arterial hypertension: a pressure-volume relationship study. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2012 , 186, 181-9	10.2	58
70	Preamplification techniques for real-time RT-PCR analyses of endomyocardial biopsies. <i>BMC Molecular Biology</i> , 2008 , 9, 3	4.5	57
69	Prevention of cardiac dysfunction in acute coxsackievirus B3 cardiomyopathy by inducible expression of a soluble coxsackievirus-adenovirus receptor. <i>Circulation</i> , 2009 , 120, 2358-66	16.7	55
68	Carvedilol improves left ventricular function in murine coxsackievirus-induced acute myocarditis association with reduced myocardial interleukin-1beta and MMP-8 expression and a modulated immune response. <i>European Journal of Heart Failure</i> , 2005 , 7, 444-52	12.3	55
67	Chromosomally integrated human herpesvirus 6 in heart failure: prevalence and treatment. <i>European Journal of Heart Failure</i> , 2015 , 17, 9-19	12.3	54

66	Release of active and depot GDF-5 after adenovirus-mediated overexpression stimulates rabbit and human intervertebral disc cells. <i>Journal of Molecular Medicine</i> , 2004 , 82, 126-34	5.5	54
65	Ubiquitin-like protein ISG15 (interferon-stimulated gene of 15 kDa) in host defense against heart failure in a mouse model of virus-induced cardiomyopathy. <i>Circulation</i> , 2014 , 130, 1589-600	16.7	52
64	Long noncoding RNA NEAT1 modulates immune cell functions and is suppressed in early onset myocardial infarction patients. <i>Cardiovascular Research</i> , 2019 , 115, 1886-1906	9.9	51
63	Long-term outcome of patients with virus-negative chronic myocarditis or inflammatory cardiomyopathy after immunosuppressive therapy. <i>Clinical Research in Cardiology</i> , 2016 , 105, 1011-1020	6.1	50
62	Protease-activated receptor-2 regulates the innate immune response to viral infection in a coxsackievirus B3-induced myocarditis. <i>Journal of the American College of Cardiology</i> , 2013 , 62, 1737-45	15.1	49
61	Adiponectin protects against Toll-like receptor 4-mediated cardiac inflammation and injury. <i>Cardiovascular Research</i> , 2013 , 99, 422-31	9.9	48
60	Differential recognition of alpha 1-antitrypsin-elastase and alpha 1-antichymotrypsin-cathepsin G complexes by the low density lipoprotein receptor-related protein. <i>Journal of Biological Chemistry</i> , 1995 , 270, 2841-5	5.4	48
59	Matricellular signaling molecule CCN1 attenuates experimental autoimmune myocarditis by acting as a novel immune cell migration modulator. <i>Circulation</i> , 2010 , 122, 2688-98	16.7	42
58	Long noncoding RNA MALAT1-derived mascRNA is involved in cardiovascular innate immunity. <i>Journal of Molecular Cell Biology</i> , 2016 , 8, 178-81	6.3	39
57	CCN1: a novel inflammation-regulated biphasic immune cell migration modulator. <i>Cellular and Molecular Life Sciences</i> , 2012 , 69, 3101-13	10.3	38
56	Role of the phosphatidylinositol 3-kinase/protein kinase B pathway in regulating alternative splicing of tissue factor mRNA in human endothelial cells. <i>Circulation Journal</i> , 2009 , 73, 1746-52	2.9	37
55	Adiponectin expression in patients with inflammatory cardiomyopathy indicates favourable outcome and inflammation control. <i>European Heart Journal</i> , 2011 , 32, 1134-47	9.5	36
54	High leptin and resistin expression in chronic heart failure: adverse outcome in patients with dilated and inflammatory cardiomyopathy. <i>European Journal of Heart Failure</i> , 2012 , 14, 1265-75	12.3	35
53	Adiponectin modulates NK-cell function. <i>European Journal of Immunology</i> , 2013 , 43, 1024-33	6.1	32
52	Cardiac-targeted delivery of regulatory RNA molecules and genes for the treatment of heart failure. <i>Cardiovascular Research</i> , 2010 , 86, 353-64	9.9	31
51	Single-target RNA interference for the blockade of multiple interacting proinflammatory and profibrotic pathways in cardiac fibroblasts. <i>Journal of Molecular and Cellular Cardiology</i> , 2014 , 66, 141-56	5.8	30
50	Cardiovascular RNA interference therapy: the broadening tool and target spectrum. <i>Circulation Research</i> , 2013 , 113, 588-602	15.7	30
49	Immunomodulation by interleukin-4 suppresses matrix metalloproteinases and improves cardiac function in murine myocarditis. <i>European Journal of Pharmacology</i> , 2007 , 554, 60-8	5.3	30

48	An isoform shift in the cardiac adenine nucleotide translocase expression alters the kinetic properties of the carrier in dilated cardiomyopathy. <i>European Journal of Heart Failure</i> , 2006 , 8, 81-9	12.3	30
47	From traditional pharmacological towards nucleic acid-based therapies for cardiovascular diseases. <i>European Heart Journal</i> , 2020 , 41, 3884-3899	9.5	29
46	An improved Tet-On regulatable FasL-adenovirus vector system for lung cancer therapy. <i>Journal of Molecular Medicine</i> , 2006 , 84, 215-25	5.5	29
45	Molecular characterisation of the defective alpha 1-antitrypsin alleles PI Mwurzburg (Pro369Ser), Mheerlen (Pro369Leu), and Q0lisbon (Thr68Ile). <i>European Journal of Human Genetics</i> , 1999 , 7, 321-31	5.3	27
44	Pharmacological and biological antiviral therapeutics for cardiac coxsackievirus infections. <i>Molecules</i> , 2011 , 16, 8475-503	4.8	25
43	Presence of perforin in endomyocardial biopsies of patients with inflammatory cardiomyopathy predicts poor outcome. <i>European Journal of Heart Failure</i> , 2014 , 16, 1066-72	12.3	24
42	Inhibition of adenovirus infections by siRNA-mediated silencing of early and late adenoviral gene functions. <i>Antiviral Research</i> , 2010 , 88, 86-94	10.8	24
41	Viral and nonviral factors causing nonspecific replication of tumor- and tissue-specific promoter-dependent oncolytic adenoviruses. <i>Molecular Therapy</i> , 2005 , 11, 563-77	11.7	22
40	Differential Cardiac MicroRNA Expression Predicts the Clinical Course in Human Enterovirus Cardiomyopathy. <i>Circulation: Heart Failure</i> , 2015 , 8, 605-18	7.6	21
39	Vaccine protection against lethal homologous and heterologous challenge using recombinant AAV vectors expressing codon-optimized genes from pandemic swine origin influenza virus (SOIV). <i>Vaccine</i> , 2011 , 29, 1690-9	4.1	21
38	Transactivation of human parvovirus B19 gene expression in endothelial cells by adenoviral helper functions. <i>Virology</i> , 2011 , 411, 50-64	3.6	20
37	Combination of soluble coxsackievirus-adenovirus receptor and anti-coxsackievirus siRNAs exerts synergistic antiviral activity against coxsackievirus B3. <i>Antiviral Research</i> , 2009 , 83, 298-306	10.8	20
36	Effects of the Cdc2-like kinase-family and DNA topoisomerase I on the alternative splicing of eNOS in TNF-alpha-stimulated human endothelial cells. <i>Biological Chemistry</i> , 2008 , 389, 1333-8	4.5	20
35	Familial Recurrent Myocarditis Triggered by Exercise in Patients With a Truncating Variant of the Desmoplakin Gene. <i>Journal of the American Heart Association</i> , 2020 , 9, e015289	6	19
34	High incidence of cardiac dysfunction and response to antiviral treatment in patients with chronic hepatitis C virus infection. <i>Clinical Research in Cardiology</i> , 2017 , 106, 551-556	6.1	15
33	CAR-diology--a virus receptor in the healthy and diseased heart. <i>Journal of Molecular Medicine</i> , 2009 , 87, 879-84	5.5	15
32	Adenovirus-mediated overexpression and stimulation of the human angiotensin II type 2 receptor in porcine cardiac fibroblasts does not modulate proliferation, collagen I mRNA expression and ERK1/ERK2 activity, but inhibits protein tyrosine phosphatases. <i>Journal of Molecular Medicine</i> , 2001 , 79, 510-21	5.5	15
31	Combination of RNA interference and virus receptor trap exerts additive antiviral activity in coxsackievirus B3-induced myocarditis in mice. <i>Journal of Infectious Diseases</i> , 2015 , 211, 613-22	7	14

30	A novel artificial microRNA expressing AAV vector for phospholamban silencing in cardiomyocytes improves Ca ²⁺ uptake into the sarcoplasmic reticulum. <i>PLoS ONE</i> , 2014 , 9, e92188	3.7	14
29	Regulation of human factor IX expression using doxycycline-inducible gene expression system. <i>Thrombosis and Haemostasis</i> , 2003 , 90, 398-405	7	13
28	The forkhead transcription factor Foxo3 negatively regulates natural killer cell function and viral clearance in myocarditis. <i>European Heart Journal</i> , 2018 , 39, 876-887	9.5	12
27	Adiponectin attenuates profibrotic extracellular matrix remodeling following cardiac injury by up-regulating matrix metalloproteinase 9 expression in mice. <i>Physiological Reports</i> , 2017 , 5, e13523	2.6	12
26	Effect of ionizing radiation on cellular procoagulability and co-ordinated gene alterations. <i>Haematologica</i> , 2007 , 92, 1091-8	6.6	12
25	A bidirectional Tet-dependent promotor construct regulating the expression of E1A for tight control of oncolytic adenovirus replication. <i>Journal of Biotechnology</i> , 2007 , 127, 560-74	3.7	12
24	Immunohistological detection of Parvovirus B19 capsid proteins in endomyocardial biopsies from dilated cardiomyopathy patients. <i>Medical Science Monitor</i> , 2008 , 14, CR333-338	3.2	12
23	Protein modification with ISG15 blocks coxsackievirus pathology by antiviral and metabolic reprogramming. <i>Science Advances</i> , 2020 , 6, eaay1109	14.3	10
22	Identification of novel antigens contributing to autoimmunity in cardiovascular diseases. <i>Clinical Immunology</i> , 2016 , 173, 64-75	9	9
21	Increased risk of severe clinical course of COVID-19 in carriers of HLA-C*04:01. <i>EClinicalMedicine</i> , 2021 , 40, 101099	11.3	9
20	High Perforin-Positive Cardiac Cell Infiltration and Male Sex Predict Adverse Long-Term Mortality in Patients With Inflammatory Cardiomyopathy. <i>Journal of the American Heart Association</i> , 2017 , 6,	6	8
19	Tissue factor expression pattern in human non-small cell lung cancer tissues indicate increased blood thrombogenicity and tumor metastasis. <i>Oncology Reports</i> , 2008 ,	3.5	8
18	Virome Sequencing in Patients With Myocarditis. <i>Circulation: Heart Failure</i> , 2020 , 13, e007103	7.6	7
17	Cardiovascular Involvement in Chronic Hepatitis C Virus Infections - Insight from Novel Antiviral Therapies. <i>Journal of Clinical and Translational Hepatology</i> , 2018 , 6, 161-167	5.2	7
16	Systemic overexpression of matricellular protein CCN1 exacerbates obliterative bronchiolitis in mouse tracheal allografts. <i>Transplant International</i> , 2015 , 28, 1416-25	3	6
15	Nicotinamide phosphoribosyltransferase/pre-B-cell colony enhancing factor/visfatin plasma levels and clinical outcome in patients with dilated cardiomyopathy. <i>Journal of Cardiac Failure</i> , 2015 , 21, 330-8	3.3	5
14	Impact of the Gut Microbiota on Atorvastatin Mediated Effects on Blood Lipids. <i>Journal of Clinical Medicine</i> , 2020 , 9,	5.1	4
13	Silencing Genes in the Heart. <i>Methods in Molecular Biology</i> , 2017 , 1521, 17-39	1.4	3

12	Cardiovascular consequences of viral infections: from COVID to other viral diseases. <i>Cardiovascular Research</i> , 2021 , 117, 2610-2623	9.9	3
11	Endogenous migration modulators as parent compounds for the development of novel cardiovascular and anti-inflammatory drugs. <i>British Journal of Pharmacology</i> , 2012 , 165, 2044-58	8.6	2
10	Viruses and other environmental factors as possible sources of phenotypic heterogeneity in familial dilated cardiomyopathy. <i>Journal of the American College of Cardiology</i> , 2006 , 47, 689-90; author reply 690	15.1	2
9	Response to Letter Regarding Article, Role of Left Ventricular Stiffness in Heart Failure With Normal Ejection Fraction. <i>Circulation</i> , 2009 , 119,	16.7	1
8	Application of molecular genetics to the study of beta-cell function and diabetes mellitus. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1995 , 103 Suppl 2, 15-22	2.3	1
7	Molecular genetic analysis of NIDDM. Status and prospects. <i>Experimental and Clinical Endocrinology and Diabetes</i> , 1993 , 101, 58-68	2.3	1
6	Missense Variant E1295K of Sodium Channel SCN5A Associated With Recurrent Ventricular Fibrillation and Myocardial Inflammation.. <i>JACC: Case Reports</i> , 2022 , 4, 280-286	1.2	1
5	Multimodality Imaging Reveals Divergent Responses of Left and Right Heart to Treatment in Cardiac Amyloidosis. <i>JACC: Case Reports</i> , 2019 , 1, 360-366	1.2	0
4	A novel Troponin I mutation associated with severe restrictive cardiomyopathy-a case report of a 27-year-old woman with fatigue.. <i>European Heart Journal - Case Reports</i> , 2022 , 6, ytac053	0.9	0
3	Eosinophilic granulomatosis with polyangiitis (EGPA) with low activity EBV replication during the COVID 19 pandemic.. <i>IJC Heart and Vasculature</i> , 2022 , 39, 100968	2.4	
2	The tight junction protein CAR regulates cardiac conduction and cell-cell communication. <i>Journal of Cell Biology</i> , 2008 , 182, i13-i13	7.3	
1	Severe heart failure in the setting of inflammatory cardiomyopathy with likely pathogenic titin variant.. <i>IJC Heart and Vasculature</i> , 2022 , 39, 100969	2.4	